



Issue 180 November 11th, 2017

## Top links

### The ARRL International Grid Chase

The year-long event hopes to build on the success of the highly successful 2016 National Parks on the Air. The objective is to work stations on any band in as many different Maidenhead grid squares as possible.

[ARRL](#)

### 160m FT8 – The end of an era?

If you follow any of the numerous ham radio-related discussion groups then you know that every once in awhile a thread pops up that triggers some extended and often heated chat.

[AmateurRadio.com](#)

### Become an APRS Weather Alert Station

noaacap uses the NOAA CAP (Common Alerting) protocol and the Atom feeds published by the National Weather Service. Installation is quick and simple if you have a running aprx system.

[K2DLS](#)

### Flying with lithium batteries

As I made my way through the security line, the battery was naturally flagged for further inspection. Eventually the security folks cleared it, pending approval from the airline.

[WB4RFQ](#)

### 6m J-Pole antenna

The antenna is manufactured from square aluminium tube, welded and with a perspex spacer at the top of the J.

[marxy's musing on technology](#)

### Encounters with the dead

All this has gotten me to thinking about how I'd like my websites to be handled once I become an SK.

[KB6NU](#)

### FA-VA4 antenna analyzer kit

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case, the LCD and buttons lined up perfectly and a nice touch was not having stick on rubber feet.  
VE3WDM

## **Build a lightning detector**

Basic lightning detector schematic.  
[AWSH.ORG](http://AWSH.ORG)

## **The Spirit of Knoxville**

The Spirit of Knoxville is a high-altitude balloon project run by amateur scientists and University of Tennessee students, with the ultimate goal of successfully sending an unmanned balloon across the Atlantic Ocean.

[Wikipedia](#)

## **How the integrated circuit came to be**

It may surprise you that the microchip that we all know and love today was far from an obvious idea.

[Hack A Day](#)

## **Cape San Blas Florida Lighthouse activation**

Saturday, Nov. 11, 1500 UTC to 1900 UTC.

[Southgate](#)

## **Video**

### **First look: New Ailunce HD1 dual band DMR radio**

This brand new high power dual band DMR radio made specifically for amateurs is about to be released.

[YouTube](#)

### **DX Monster antenna**

Even with the current solar cycle as it is, I am making more DX contacts now than I ever have over 25 years. Part of my luck must be given to the new digital mode called FT8, but I am also of the mind that my antenna is doing a fine job.

[Radio Hobbyist](#)

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[Amateur Radio Weekly](#) is curated by [K4HCK](#).

Thank you for reading.

73

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